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25 June 1976

CIA HISTORICAL REVIEW PROGRAM
RELEASE AS SANITIZED
1998

MEMORANDUM FOR:

SUBJECT : Use of Soviet Waters by Foreign Merchant and Fishing Vessels

1. In response to your request of 27 May we are submitting the following:

a. An appendix discussing Western access to Soviet Northern Sea Route ports on the lower Yenesey River and to Soviet Caspian Sea ports,

b. Table I on use of the Straits of Gibraltar by merchant ships under various flags by month during 1975,

c. Table 2 on Free World Ships calling at Black Sea ports during 1975 by flag and month,

d. Table 3 and Charts B.2, C.1, C.2, D.1, D.2, D.3, 2.1, 2.2, and 2.4 showing fishing activity by nationality,

e. Table 4, Soviet ports closed to foreign shipping,

f. Table 5, Grain shipped to the USSR by flags and discharge ports, 1975, and

g. Table 6, Owners of vessels carrying grain to the USSR from the US, 1975.

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Table 1

Merchant Ships Transiting Straits of Gibraltar
Into or Out of the Mediterranean, 1975

	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total	38,648	3,094	3,001	3,510	3,147	3,400	3,364	3,514	3,530	2,884	1,182	2,890	3,132
Albania	2	2	-	-	-	-	-	-	-	-	-	-	-
Algeria	80	12	5	4	20	7	7	9	-	6	5	3	2
Argentina	27	3	-	5	2	4	-	5	2	-	3	1	2
Australia	309	27	18	25	17	30	33	22	22	22	26	30	37
Austria	1	-	-	-	-	-	-	-	-	-	-	-	1
Bangladesh	9	-	-	-	-	-	1	1	4	-	-	-	3
Belgium	51	4	7	1	9	7	2	5	4	3	3	2	4
Bulgaria	269	22	33	26	30	39	28	-	18	24	25	24	-
Burma	25	1	3	4	3	4	-	1	3	1	1	3	1
Canada	8	1	-	2	-	1	-	2	-	-	1	1	-
Chile	18	2	1	3	4	-	2	-	-	1	-	1	4
Columbia	2	-	-	-	1	-	1	-	-	-	-	-	-
Cuba	7	-	1	3	1	-	-	-	1	1	-	-	-
Cyprus	998	89	82	111	92	90	81	88	77	63	77	75	73
Czechoslovakia	16	-	-	4	1	1	3	1	2	1	1	-	2
Denmark	1,896	182	154	259	179	174	132	150	143	109	135	133	146
Dominican Republic	1	-	-	-	-	-	-	-	-	-	1	-	-
East Germany	269	19	15	25	18	16	24	30	34	21	34	4	29
Ecuador	13	1	-	-	7	1	1	-	-	-	1	-	2
Egypt	22	2	1	3	1	3	3	5	2	2	-	-	-
El Salvador	2	-	-	-	-	-	-	-	-	-	2	-	-
Ethiopia	18	1	1	1	-	-	1	3	3	1	1	3	3
Finland	489	59	50	53	4	48	31	41	38	33	45	54	33
France	529	42	50	45	58	52	58	26	55	41	29	44	29
Gabon	2	-	-	-	-	-	1	-	-	-	-	1	-
Ghana	3	1	1	-	-	1	-	-	-	-	-	-	-
Greece	2,122	204	147	214	191	202	179	165	158	153	178	180	151
Honduras	5	-	-	-	1	2	1	1	-	-	-	-	-
Hungary	19	-	1	-	2	-	2	2	2	4	2	1	3
Iceland	23	1	1	1	-	-	1	3	2	4	3	4	3
India	131	11	7	15	9	13	21	8	9	13	2	9	14
Indonesia	7	-	-	1	-	-	-	1	-	-	1	3	1
Iran	12	-	-	2	-	-	1	1	-	3	3	-	2
Iraq	2	-	-	-	-	-	-	-	-	-	-	1	1
Israel	104	9	11	15	7	9	10	5	11	9	8	3	7
Italy	1,500	153	106	142	130	163	138	107	131	114	106	106	104
Ivory Coast	22	1	2	4	1	3	1	3	2	1	1	2	1
Japan	174	15	19	25	23	12	12	17	9	9	14	11	8
Kenya	1	-	-	-	-	-	-	-	-	-	1	-	-
Kuwait	18	-	1	1	-	1	3	1	1	3	3	2	2
Lebanon	66	3	10	7	3	8	6	2	8	-	6	5	8
Liberia	2,333	217	188	201	212	179	224	180	187	136	191	203	165
Libya	16	2	2	1	2	1	1	2	2	1	-	-	2
Malaysia	19	-	-	-	1	1	1	-	-	2	3	6	5
Mauritania	24	1	1	2	2	4	5	-	2	2	3	1	1
Mexico	4	2	-	-	2	-	-	-	-	-	-	-	-
Monaco	3	-	-	1	-	1	-	-	1	-	-	-	-
Morocco	36	6	6	3	6	2	3	1	1	-	-	4	4
Netherlands*	1,692	134	138	193	144	153	132	149	141	128	152	124	104
North Korea	1	-	-	-	-	-	-	-	1	-	-	-	-
Norway	1,379	134	138	168	142	129	133	-	112	84	122	108	109
Pakistan	21	1	-	-	3	-	2	2	4	2	-	4	3
Panama	835	87	63	93	93	91	66	76	82	-	94	83	7
Poland	481	38	41	41	37	43	41	39	44	39	45	39	34
Portugal	119	15	16	7	10	11	14	6	9	8	10	5	8
Romania	191	13	8	17	16	12	15	14	13	20	24	18	21
Sierre Leone	6	-	1	1	-	2	-	-	1	1	-	-	-
Singapore	1	-	-	-	1	-	-	-	-	-	-	-	-
Somalia	67	13	2	3	-	8	9	5	6	4	3	7	7
South Africa	13	-	-	1	2	-	-	1	3	2	3	-	1
South Korea	9	3	1	-	1	1	-	-	1	1	-	-	1
Spain	1,781	159	118	179	168	185	157	122	162	150	130	119	132
Sri Lanka (Ceylon)	3	-	-	-	1	-	1	-	-	-	-	-	1
Sudan	13	-	-	-	-	-	1	1	3	2	-	3	3
Sweden	514	31	54	39	35	52	41	41	47	40	46	35	53
Syria	10	-	1	-	-	1	-	2	-	1	1	1	3
Taiwan	24	1	2	-	3	1	-	9	-	-	2	4	2
Tanzania	10	2	2	1	-	-	2	1	-	1	1	-	-
Turkey	79	6	6	5	11	10	15	1	7	5	9	-	4
United Kingdom	3,090	219	228	246	227	248	288	260	302	288	287	238	259
United States	523	36	34	35	45	59	39	42	48	40	42	52	51
Uruguay	3	-	-	-	1	1	-	-	1	-	-	-	-
USSR	1,847	183	185	210	190	169	148	136	135	117	107	147	120
Venezuela	71	4	6	8	9	11	4	-	4	6	7	4	8
West Germany	2,105	125	146	199	174	177	187	275	166	168	151	152	185
Yemen	1	-	-	-	-	-	-	-	-	-	1	-	-
Yugoslavia	627	67	54	64	57	68	51	38	46	44	51	42	45
Zaire	2	-	-	-	-	-	-	-	2	-	-	-	-
Zambia	2	-	-	-	-	-	-	-	-	1	-	-	1
Unknown	11,402	727	831	787	735	888	1,000	1,405	1,256	897	977	784	1,115

* Includes Netherlands Antilles.

Table 2

Free World Ships Calling at Black Sea Ports
By Flag and By Month
(November 1975 thru April 1976)

Flag	Number of Ships	Number of Calls					
		Nov 75	Dec 75	Jan 76	Feb 76	Mar 76	Apr 76
Algeria	5	1	3	2	1	-	4
Argentina	3	1	1	-	-	1	-
Belgium	5	-	1	1	3	2	2
Bangladesh	1	-	1	-	-	-	-
Brazil	6	1	1	-	-	1	2
Canada	1	-	-	-	-	-	1
Chile	1	-	-	-	-	1	-
Cyprus	95	26	22	20	18	29	23
Denmark	10	1	3	3	2	2	1
Egypt	2	-	1	-	-	-	1
Ireland	3	-	1	1	-	1	-
Finland	22	6	8	6	4	4	7
France	12	3	3	5	1	7	9
Germany	29	7	6	7	2	3	7
Greece	296	86	54	69	60	85	80
Indonesia	1	-	-	-	-	-	1
India	55	10	6	10	10	22	13
Iran	1	1	-	-	1	-	-
Israel	10	5	4	3	2	3	2
Italy	70	17	17	15	15	29	29
Japan	18	7	3	3	1	2	4
Lebanon	23	9	7	9	11	7	10
Liberia	119	37	24	26	19	23	22
Malaya	2	-	-	1	-	-	1
Netherlands	12	2	3	4	2	2	3
Netherlands Antilles	6	-	-	-	3	3	-
Norway	49	18	7	10	6	11	15
Peru	1	1	-	-	-	-	-
Pakistan	5	-	-	1	1	1	2
Panama	60	19	10	17	11	9	16
Portugal	4	2	1	2	2	-	3
Saudi Arabia	1	1	-	-	-	-	-
Sierra Leone	1	-	-	1	-	-	-
Singapore	12	3	1	1	1	4	3
Somali	13	2	3	1	2	3	2
Spain	14	8	1	2	2	1	4
Sweden	18	6	3	5	2	5	1
Switzerland	2	-	-	1	-	-	1
Tunisia	2	1	1	1	-	-	1
Turkey	41	14	10	16	10	8	11
United Kingdom	56	13	5	9	15	16	14
United States	66	32	16	13	13	15	19

Table 3

Fishing Activity in Waters Near the USSR by Nationality

Area	Countries Fishing There	Catch ('000 Metric for 1973)	Remarks
Baltic Sea and Gulf of Finland	Denmark	61	Figures represent total catch in both the Baltic Sea and Gulf of Finland. See Maps 2.1 and B.2 for information on location of pelagic resources and Cod Stocks in these areas.
	Finland	81	
	East Germany	89	
	West Germany	17	
	Poland	161	
	Sweden	92	
	USSR	329	
Bareuts & Berens Sea	Denmark	2	
	France	32	
	East Germany	negl.	
	West Germany	22	
	Norway	125	
	Poland	2	
	Spain	negl.	
	U.K.	87	
	USSR	664	
Mediterranean and Black Sea	Albania	4	Figures represent total catch both in the Black Sea and Mediterranean Sea combined. See maps 1 and 2 for information on the location of dermasal, pelagic and crustacean resource in the Mediterranean Sea.
	Algeria	31	
	Bulgaria	5	
	Cyprus	1	
	Egypt	10	
	France	50	
	Greece	50	
	Israel	42	
	Italy	319	
	Japan	negl.	
	Lebanon	2	
	Libya	6	
	Malta	1	
	Morrocco	19	
	Romania	7	
	Spain	121	
	Syria	negl.	
	Tunisia	31	
	Turkey	152	
	USSR	286	
	Yugoslavia	30	
White Sea	USSR	N.A.	Territorial water of the USSR Sea less than 50 meters deep in most areas
Yenisey River	USSR	N.A.	Territorial river of USSR. No fishing by foreign flags believed to take place.

Area	Countries Fishing There	Catch ('000 Metric for 1971)	Remarks
Caspian Sea	USSR	N.A.	Iran fishes on the southern part of the Caspian Sea, roughly 40° south. The Soviets generally fish north of this area which is apparently off limits to foreign fishing vessels.
Sea of Japan	Japan North Korea South Korea USSR	N.A.	See Maps D.1, D.2 and D.3 for a distribution of demersal, pelagic, crustacean, and cephalopod resources in this area.
Po Hai Gulf	PRC	N.A.	The Chinese-Japanese fishing agreement, ratified in December 1975, makes the Po Hai Gulf a restricted Chinese military area off-limits to foreign vessels.
Sea of Okhotsk	North Korea	N.A.	Japanese have an agreement with the Soviets letting them fish just north of Hokkaido. They are not permitted to fish near the Kuril Islands.
Tatar Straits	USSR	N.A.	

Table 4

Soviet Ports Closed to Foreign Shipping

Black Sea

Ochakov
Nikolaev
Sevastopol
Feodosiya
Kerch
Taganrog

Baltic

Kronstadt
Liepaya
Kaliningrad
Baltiysk
Lomonosov

Arctic (Includes Barents Sea Yenisey River, White Sea).

Polyarnyy
Severodvinsk
Severomorsk
Guba Sayda
Guba Zapadnaya Litsa

Far East

Vladivostok
Vanino
Sovetskaya Gavan
Petropavlovsk
Petrovka

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Table 5

US Grain to USSR by Flag and Discharge Port, 1975

Odessa	Novorossisk	Batumi	Ilichevsk	Poti	Other Black Sea	Leningrad	Riga	Klaipeda	Other Baltic	Vladivostok	Nakhodka	Other Far East	Antwerp	Amsterdam	Rotterdam
1 Italy 2 USSR			1 UK		3 USSR	2 USSR	1 Liberian		1 Norway 1 USSR	1 USSR		1 USSR			
1 US 2 Greek					2 USSR			2 Liberian	2 USSR	2 Yugoslavia	1 UK	2 USSR			
1 Greek 1 USSR	1 US							1 Liberian	1 Greek	1 UK					
					1 US 1 USSR	1 US			1 USSR	2 USSR					
1 US 1 USSR		2 USSR			1 USSR	1 Liberian				2 USSR					
1 US					1 Italy		1 UK			1 USSR					
1 US 1 Italy 1 USSR					1 US 1 Liberian	1 UK	1 Yugoslavia		1 Denmark						
1 US 2 Yugoslavia 1 Greek 1 Italy 1 Liberian					1 UK 1 Greek 1 Norway				1 Yugoslavia 1 Greek	4 USSR					
1 UK 1 W. Germany 1 Greek 1 Denmark 1 Norway 1 USSR 2 Liberian					1 Norway 3 Liberian	1 Greek			1 Denmark 1 Liberian	11 USSR	2 UK 1 Yugoslavia 1 USSR	3 USSR 1 Liberian			
9 US 1 Panama 2 Greek 3 Norway 2 USSR 1 Turkey	3 US 1 Greek 1 Italy 1 Liberian				3 US 1 Yugoslavia 2 Greek 2 Norway 3 USSR 2 Liberian 2 Sweden	3 US 1 UK 2 USSR			3 UK 5 Yugoslavia 1 Greek 1 Denmark 1 France 1 USSR 2 Liberian	13 USSR	1 UK 1 Yugoslavia 1 Greek 5 USSR	1 USSR			
6 US 1 UK 5 USSR 1 Czechoslovakia 1 Liberian		1 US	1 US	1 US	5 US 2 UK 1 Sweden 3 W. Germany 3 Greek 2 Italy 2 Liberian 3 USSR	1 Italy 2 USSR			1 UK 1 Greek 1 Yugoslavia	14 USSR	1 Yugoslavia 1 Greek 1 USSR		1 Greek 1 Liberian		
3 US 2 Greek 3 USSR	1 Greek 1 USSR 1 Liberian				4 US 1 UK 1 W. Germany 1 Yugoslavia 4 Greek 1 Norway 1 Sweden 1 France 1 USSR	1 Greek 2 USSR		1 USSR	1 UK 1 Yugoslavia 1 Belgium 1 Denmark 2 Liberian	10 USSR	1 Panama 1 UK 1 Yugoslavia 3 USSR 1 Liberian		1 Denmark	1 Liberian	1 Liberian

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Table 6

Vessels Carrying Grain to USSR

United States

Ship	Owner
American Eagle	American Foreign Steamship Corp. Maritime Exchange Building 80 Broad Street New York 4, USA
Arco Enterprise	Atlantic Richfield Co. 515 South Flower St. Los Angeles, California
Arco Heritage	Atlantic Richfield Co.
Bradford Island	International Ocean Transport Corp. 70 Pine St. New York 5, New York
Cities S. Miami	International Ocean Transport Corp.
Connecticut	Ogden Marine Inc. 280 Park Ave New York 1, New York
Eagle Charger	United Tanker Corp. 250 Park Ave New York 17, New York
Eagle Courier	United Tanker Corp.
Eagle Traveler	United Tanker Corp.
Eagle Voyager	United Tanker Corp.
Golden Monarch	Avon Steamship Co., Inc. 410 Lakeville Rd. Lake Success New York 40, New York
Gulfking	Gulf Oil Corp. P. O. Box 7880 Philadelphia, Pennsylvania
Gulfknight	Gulf Oil Corp.

United States (cont.)

Ship	Owner
Gulfprince	Gulf Oil Corp.
Gulfqueen	Gulf Oil Corp.
Manhattan	Ocean Shipping and Trading Corp. 1 Chase Manhattan Plaza New York 5, New York
Monticello Victory	Victory Carriers, Inc. 645 Fifth Ave. New York 22, New York
Montpelier Victory	Victory Carriers, Inc.
Mount Explorer	Mount Shipping Inc. 1414 Avenue of the Americas New York 19, New York
Ogden Challenger	Ogden Marine Inc.
Odgen Champion	Odgen Marine Inc.
Ogden Wabash	Ogden Marine Inc.
Odgen Yukon	Ogden Marine Inc.
Overseas Aleutian	Maritime Overseas Corp. 511 Fifth Ave. New York 17, New York
Overseas Alaska	Maritime Overseas Corp.
Overseas Anchorage	Maritime Overseas Corp.
Overseas Arctic	Maritime Overseas Corp.
Overseas Joyce	Maritime Overseas Corp.
Overseas Natalie	Maritime Overseas Corp.
Overseas Ulla	Maritime Overseas Corp.
Overseas Vivian	Maritime Overseas Corp.

United States (cont.)

Ship	Owner
Thomas M	Academy Tankers Inc. Suite 1001, Americana Building 811 Dallas Ave. Houston, Texas
Thomas Q	Academy Tankers Inc.
Transeastern	Ocean Shipping & Trading Corp.
Transpanama	Ocean Shipping & Trading Corp.
Ultramar	Avon Steamship Co., Inc.
Ultrasea	Avon Steamship Co., Inc.
Vantage Horizon	Vantage Steamship Corp. Bowling Green Bldg. 11 Broadway New York 4, New York

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Panama

Ship	Owner
Gothic Chief	Von Barth, Lars F. Postfack 55, Knastos Onsala, Sweden

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United Kingdom

Ship	Owner
Cunard Calamanda	Cunard Steam-ship Co., Ltd. Berkeley, St. London, W. 1, England
Dunstanburgh Castle	Souter, WA & Co., Ltd. Clayton House Regent Center Gosforth Newcastle Upon Tyne 1, England
Graiguar	Williams, Idwal & Co., Ltd. National Provincial Bank Buildings 113-115 Bute St. Cardiff, England
Irish Oak	Irish Shipping, Ltd. Merrion Hall Strand Rd Dublin 4, Irish Republic
Ixia	Stag Line, Ltd. 1 Howard St. North Shields, England
La Sierra	Buries Markes, Ltd. City-Gate House, 39-45 Finsbury Square London EC2, England
London Explorer	London & Overseas Freighters, Ltd. 8 Balfour Place Park Lane London W1, England
London Pioneer	London & Overseas Freighters, Ltd.
London Resolution	London & Overseas Freighters, Ltd.
London Tradition	London & Overseas Freighters, Ltd.
Maersk Commander	Moller, A. P. Kongens Nytorv 8 Copenhagen, Denmark

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United Kingdom (cont.)

Ship	Owner
Maratha Envoy	Seahorse Ship Management, Ltd. 16-17 Devonshire Square London EC3, England
Rossetti	Bolton Steam Shipping Co., Ltd. Corn Exchange Bldg. 52-57 Mark Lane London EC3, England
Stonepool	Rapner Management, Ltd. 140 Coniscliffe Rd. P. O. Box 18 Darlington, England
Swedish Wasa	Whitwill, Cole & Co., Ltd. Portview Rd., Avonmouth Bristol, England
Welsh Minstrel	Gibbs & Co., Ltd. Barclays Bank Chambers Commercial St. Newport, England

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West Germany

Ship	Owner
Brussel	Toepfer, Alfred C. Schiffahrtsges M.B.H. Georgsplatz 10 2 Hamburg 1, West Germany and 7 ST. Helen's Place London EC3, England
Heidberg	Gunter Graebe Wettloop 29 2 Hamburg 92, West Germany
Meistersinger	Poseidon Shiffahrtges M.B.H. Ballindamm 17 2 Hamburg 1, West Germany
Propontis	Laeisz, F, Laeiszhof Trostbrucke 1 Postfach 111120 2 Hamburg 11, West Germany

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Yugoslavia

Ship	Owner
Adriatik	Jugoslavenska Linijska Plovidba Palaca Jadran Obala Jugoslavenska Mornarice 16, Post Pretinac 123 Rijeka, Yugoslavia
Banija	Atlantska Plovidba Put Mihajla, Post Pretinac 192 Dubrovnik, Yugoslavia
Beograd	Prekookeanska Plovidba Post Pretinac 39 Bari, Yugoslavia
Bosanka	Atlantska Plovidba
Budva	Jugoslavenska Oceanska Plovidba Kotor, Yugoslavia
Cvijeta Zuzoric	Atlantska Plovidba
Danilovgrad	Prekookeanska Plovidba
Dinara	Slobodna Plovidba Sarajevska 3, Post Pretinac 125 Sibenik, Yugoslavia
Novo Mesto	Splosna Plovba Ulica Zupaniciceva 24 Piran, Yugoslavia
Plitvice	Atlantska Plovidba
Sava	Jugoslavenska Linijska Plovidba

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Greece

Ship	Owner
Aegis Bravery	Aegis Shipping Co., Ltd. 2A Argyroupoleos St. Kallithea Athens, Greece
Aegis Storm	Aegis Shipping Co., Ltd.
Aegis Typhoon	Aegis Shipping Co., Ltd.
Agios Nicolaos	Mornos Shipping Co, SA 19 Omirou & Akademias St. Athens, Greece
Aktea	Andreadis, Ltd. 52 Lime St. London EC3, England
Albion	Lemos, PA & Associates, Ltd. 1st Floor 231 Tottenham Court Rd. London W1, England
Althea	Andreadis, Ltd.
Anastassia	Los, C. M., Ltd. 52 Lime St. London EC3, England
Archangelos	Livanos, Stavros c/o Sun Enterprises Ltd. Livanos Building 47-49 Akti Miaouli P. O. Box 62 Piraeus, Greece
Artemis	Hadjilias and Co., Ltd. Berkeley Square House London W1, England
Astir	Faros Shipping Co., Ltd. 6th Floor, Thorn House Upper St., Martin's Lane London WC2, England

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Greece (cont.)

Ship	Owner
Dimitris L. F.	Fafalios Ltd. Dunster House 37 Mincing Lane London EC3, England
Doric Arrow	Chios Navigation Co., Ltd. 116 Fenchurch St. London EC3, England
Grecian Light	Goulandris Brothers, Ltd. 15 Buckingham St. London WC2, England
Hadjanna	Lemos, Diamantic Ltd. 60 Fenchurch St. London EC3, England
Hellas in Eternity	Efploia Shipping Co. SA, L. C. Lemos Maritime House 111 Filonos St. Piraeus, Greece
Illustrous Colocotronis	Colocotronis, Ltd. 65-68 Leadenhall St. London EC3, England
Kaity	Los, C. M., Ltd.
Konkar Pioneer	"Agan" General Shipping Enterprises Ltd. 33 Akti Miaouli Piraeus, Greece
Makedonia	National Shipping & Trading Corp. 9 West 57th St. New York 19, New York
Odyssey 10	National Shipping & Trading Corp.
Pantokrator	Elpisaga Compania Naviera S.A. 3rd Floor 9 Filellinon St. Piraeus, Greece

Greece (cont.)

Ship	Owner
Paulina C	Comninos Brothers Shipping Co., SA 11 Akti Miaouli Piraeus, Greece
Prodromos	Lemos, M. J., Co., Ltd. 4 Broad St. Place Blomfield St., London EC2, England
Prometheus	Pegasus Ocean Services, Ltd. St. John's House 124-127 Minories London EC3, England
Samos	Pegasus Ocean Services, Ltd.
Suzanne	Maritime Overseas Corp. 511 Fifth Ave. New York 17, New York
Theofano Livanos	Livanos, Stavros c/o Sun Enterprises Ltd.
Theoforos	Polesons (London) Ltd. 61-62 Crutched Friars London EC3, England
World Argus	Niarchos Group, Ltd. 41-43 Part St. P. O. Box 413 London W1, England

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Italy

Ship	Owner
Falcone	Capo Falcone Societa di Navigazione, SPA Vico Giannini 2-6 Genoa, Italy
Ivan Francesco	Ferruzzi, Serafino & Co. Via XIII Guigno 8 Ravenna, Italy
Mare Placido	D'Amico, Fratelli Via Liguria 40 Rome, Italy
Mario Z	Zobili, Zoboli & C Via L. Garaventa 2 Casella Postale 1565 Genoa, Italy

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Denmark

Ship	Owner
Liesemaersk	Moller, A. P. Kongens Nytorv 8 Copenhagen, Denmark
Normandiet	Peterson, A. N. Frederiksgade 17 Copenhagen, Denmark
Torm Estrid	Torm, Dampskibsselskabet, A/S Holmen Kanal 42 Copenhagen, Denmark
Torm Gyda	Torm, Dampskibsselskabet, A/S
Torm Ragnhild	Torm, Dampskibsselskabet, A/S

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Norway

Ship	Owner
Arthur Stove	Lorentzens Rederi Co. H. Heyerdahlsgate 1 Oslo, Norway
Cresco	Aaby, Yngrar Tollbugaten 28 Oslo, Norway
Dovrefjell	Olsen & Ugelstad A/S Fr. Stansgate 22 Postboks 3057 El Oslo, Norway
Germa	Gerrard, Johan Ostre Strandgate 1 Postboks 39 Kristiansand S., Norway
Polyhymnia	Rasmussen, Einar Markengaten 13 Postboks 37 Kristiansand S., Norway
Quebec	Mosvold, Torey Postboks 52 Kristiansand S., Norway
Taimyr	Wilhelmsen, Wilh. Roald Amundsengaten 5 Oslo, Norway
Trym	Thorvildsen, Peter Teie Tonsbera, Norway

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Sweden

Ship	Owner
Avafors	Granges Shipping Bivgir Jarlsgaten 52 Stockholm 16, Sweden
Fujisan	Brostrom, Axel & Son Brostromia, Pakhusplatsen 6 Postfack 2521 Gothenburg 2, Sweden
Lili Bilner	Bilnerskolimport A/B Skeppsbran 5&6 Gothenburg, Sweden
Malmland	Brostrom, Axel & Son

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Liberia

Ship	Owner
Aegean Nymph	Coulouthros, Ltd. Cleveland House 19 St. James Square Pall Mall London SW1, England
Agelos Raphael	Lemos, Christos, Sons & Co., Ltd. 61 Cheapside London EC2, England
Alessandra	Mavroleon Brothers, Ltd. St. Clare House 30-33 Minories London EC3, England
Anna M	Mavrolean Brothers, Ltd.
Athina Zafirikas	Livanos, Stavros c/o Sun Enterprises, Ltd. Livanos Building 47-49 Akti Miaouli Postbox 62, Piraeus, Greece
Athol	Dockendale Shipping Co., Ltd. Bitco Building, Bank Lane P. O. Box 3033 Nassau, Bahamas
Atlantic Hawk	Livanos, Stavros c/o Sun Enterprises, Ltd.
Capt. W D Cargill	Tradax Geneve SA Boite Postale 383 1211 Geneva 12, Switzerland
Carcape	Tradax Geneve SA
Carisle	Tradax Geneve SA
Corsair	Compania Moja SA 57 Rue Grimaldi Monte Carlo, Monaco

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Liberia (cont.)

Ship	Owner
Dietrich Oldendorff	Oldendorff, Egon Funhausen 1, Postfach 2135 24 Lubeck, West Germany
Ermis	Hadjipateras, John C. & Sons, Ltd. Stone House, Bishopsgate London EC2, England
Evros	Livanos, Stavros c/o Sun Enterprises, Ltd.
Grishuna	Swisse-Atlantique Societé d'Armement Maritime SA, 7 Chemin Messidor Lausanne, Switzerland
Ioannis Zafirakis	Livanos, Stavros c/o Sun Enterprises, Ltd.
Liryc	Lemos, C M & Co., Ltd. Saracens Head House 92 Fenchurch St. London EC3, England
Mayfair Prestige	London & Overseas Freighters, Ltd. 8 Balfour Place, Park Lane London W1, England
Nanfri	Seven Seas Shipping Corp. 755 Fifth Ave. New York 17, New York
Olympic Pearl	Olympic Maritime SA Succursale de Monte Carlo 17 Avenue d'Ostende, Monaco
Olympic Prestige	Olympic Maritime SA
Olympic Pride	Olympic Maritime SA
Pacific Defender	Tung, C. Y. c/o Island Nav Corp., Ltd. 12th Floor Hutchison House 10 Harcourt Road, Hong Kong

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Liberia (cont.)

Ship	Owner
Victoria I	Pappadakis, A. G. & Co., Ltd. Knolly House 9-12 Byward St. London EC3, England
Wanderer	Aluminum Co. of America, Inc. Alcoa Building Pittsburgh 19, Pennsylvania
Wayfarer	Aluminum Co. of America, Inc.
World Duality	Nicarchos Ltd.
World Nature	Niarchos Ltd. 41-43 Park St. Post Box 413 London WI, England

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France

Ship	Owner
Laurentine	Union Industrielle et Maritime S. A. 36 Rue de Naples Paris, France
Penmarch	Compagnie Navale Worms 50 Boulevard Haussmann Cedex 9 75 Paris, France

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Belgium

Ship	Owner
Federal St Laurent	Union Belge D'entreprises Maritimes, SA 150 Chausée de Malines Antwerp, Belgium

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Turkey

Ship	Owner
M Eregli	Cerrahogullari Umumi Nakliyat Vapurculuk Ve Ticaret, TAS Cumhuriyet Meydani, Koseoglu, Apt 3/3 Posta Kutusu 411, Taksim Istanbul, Turkey

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Appendix I

Western Access to Soviet Northern Sea Route Ports on the Lower Yenesey

For more than 20 years the port of Igarka on the Lower Yenesey River has been a major loading port for Soviet exports of timber to Western Europe. Until sometime in the mid-1960s, a majority of these shipments were made in chartered Free World ships. Heavy acquisitions of ice-reinforced timber carriers by the USSR have changed this situation and at present there is little, if any, participation by Western ships in the timber movement out of Igarka.

Western Access to Soviet Caspian Sea Ports

Soviet Caspian ports are essentially off-limits to foreign vessels. Shallow-draft Soviet ships of 5,000 DWT and under link the Caspian with foreign waters via the Greater Volga inland waterway system which provides access to the Black, Baltic, and White Seas. Soviet ships also offer scheduled services tying Iranian ports on the Caspian with Soviet Caspian ports and with third country ports as remote as the United Kingdom and the Netherlands. No Iranian ships are known to call regularly in Soviet Caspian ports, however, and the only known foreign use of the Soviet Caspian and its connections with external seas was the transfer of the Iranian royal yacht from its home port on the Iranian shore of the Caspian to a western shipyard for overhaul in the late 1950s.